

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A system ~~(1)~~ for monitoring a physiological condition of an individual, comprising ~~sensing means~~ ~~(3)~~ a sensor arranged to pick up a first signal ~~(M)~~ in a first mode of the system, said first signal being representative of said physiological condition and to forward said first signal to a signal processing unit ~~(33)~~, ~~characterized in that~~ wherein said system comprises a control unit ~~(2)~~ capable of being configured to be selectively actuated to effect a system mode change and positioned remote from said signal processing unit, said control unit ~~(2) being suitable~~ configured to generate a second signal ~~(T)~~ arranged to be transmitted to said ~~sensing means~~ sensor and superimposed on the first signal ~~(M)~~, said signal processing unit ~~(33, 37)~~ being arranged to decode the second signal and to make the system enter into a second mode upon receipt of the second signal ~~(T)~~, wherein said second signal is arranged to be received by said sensor as a disturbance of the first signal.

2. (currently amended) A—The system according to claim 1, ~~characterized in that~~wherein the control unit (2)—comprises an electrode (68)—to be arranged in contact with the individual's skin, said electrode being arranged to transmit the second signal (69).

3. (currently amended) A—The system according to claim 2, ~~characterized in that~~wherein the system further comprises an RF-link arranged to establish a wireless communication to a remote base unit—(4), the second signal (T)—being a trigger signal for the RF-link to perform a predetermined operation.

4. (currently amended) A—The system according to claim 2, ~~characterized in that~~wherein the second signal (T)—comprises data to be processed by the signal processing unit—(33, 37).

5. (currently amended) A—The system according to claim 1, ~~characterized in that~~wherein the second signal (T)—has substantially the a same bandwidth as the first signal—(M), the amplitude of the second signal being at least one order of

magnitude smaller than the amplitude of the first signal.

6. (currently amended) A control unit (2) ~~capable of being configured to be~~ selectively actuated and suitable for a personal monitoring system ~~(3)~~, said personal monitoring system being arranged to pick up a signal (M) ~~representative of a physiological condition of an individual, characterized in that wherein~~ said control unit is arranged to control the personal monitoring system ~~(3)~~ by means of a generation of a suitable trigger signal (T) which is transmitted to said personal monitoring system, and by superimposing said trigger signal (T) on the signal representative of the monitored physiological condition to control an operating mode of the monitoring system, wherein the trigger signal is arranged to be received by said personal monitoring system as a disturbance of the signal representative of the monitored physiological condition.

7. (currently amended) A ~~The~~ control unit according to claim 6, ~~characterized in that wherein~~ the control unit (2) ~~comprises an electrode (68)~~ to be arranged in a contact with the individual's skin, said electrode being arranged to transmit the trigger signal

~~(69).~~

8. (currently amended) ~~A~~ The control unit according to claim 6, ~~characterized in that~~ wherein the control unit ~~(2)~~ comprises a user interface arranged to operate said control unit in a manual mode.

9. (currently amended) ~~A~~ The control unit according to Claim 8, ~~characterized in that~~ wherein the control unit comprises a data input port capable of being actuated and a display.

10. (new) The control unit according to Claim 6, wherein the trigger signal is arranged to have a duty cycle of less than 0.1% of the signal representative of the monitored physiological condition.

11. (new) The control unit according to claim 6, wherein upon receipt of the trigger signal, the control unit is configured to perform a dedicated wakeup sequence.

12. (new) The control unit according to claim 11, wherein the dedicated wake-up sequence includes turning on of an RF-link that

is otherwise always in an off-state.

13. (new) The control unit according to claim 6, wherein the trigger signal is arranged as a dual-tone signal.

14. (new) The control unit according to claim 13, wherein the dual-tone signal is arranged as a substantially 29.5 Hz continuous wave and 22.5 Hz on-off keyed signal.

15. (new) The control unit according to claim 13, wherein the dual-tone signal is arranged as a substantially 129.5 Hz continuous wave and 122.5 Hz on-off keyed signal.

16. (new) The system according to claim 1, wherein upon receipt of the trigger signal, the signal processing unit is configured to perform a dedicated wakeup sequence.

17. (new) The system according to claim 16, wherein the dedicated wake-up sequence includes turning on of an RF-link that is otherwise always in an off-state.

18. (new) The system according to claim 1, wherein the second signal is arranged as a dual-tone signal.

19. (new) The system according to claim 18, wherein the dual-tone signal is arranged as a substantially 29.5 Hz continuous wave and 22.5 Hz on-off keyed signal.

20. (new) The system according to claim 18, wherein the dual-tone signal is arranged as a substantially 129.5 Hz continuous wave and 122.5 Hz on-off keyed signal.